



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 4

**Complete if Known**

Application Number	10/788,833
Filing Date	2/27/2004
First Named Inventor	Dewayne Turner
Art Unit	3672
Examiner Name	Gay, Jennifer Hawkin
Attorney Docket Number	020569-05007

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,963,089	12-06-1960	Sizer	
		US- 3,051,243	08-28-1962	Grimmer et al	
		US- 3,741,249	06-26-1973	Leutwyler	
		US- 3,741,300	06-26-1973	Wolff et al	
		US- 3,749,119	07-31-1973	Tausch et al	
		US- 3,814,183	06-04-1974	Kishel	
		US- 3,823,773	07-16-1974	Nutter	
		US- 3,856,085	12-24-1974	Holden et al	
		US- 3,970,147	07-20-1976	Jessup et al	
		US- 3,993,130	11-23-1976	Papp	
		US- 4,144,937	03-20-1979	Jackson et al	
		US- 4,280,561	07-28-1981	Fredd	
		US- 4,319,634	03-16-1982	McMahan et al	
		US- 4,383,578	05-17-1983	Baker	
		US- 4,399,870	08-23-1983	Baugh et al	
		US- 4,452,313	06-05-1984	McMahan	
		US- 4,498,536	02-12-1985	Ross et al	
		US- 4,605,062	08-12-1986	Klumpyan et al	
		US- 4,627,492	12-09-1986	MacLaughlin	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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		US- 4,749,044	06-07-1988	Skipper et al	
		US- 5,090,481	02-25-1992	Pleasants et al	
		US- 5,257,663	11-02-1993	Pringle et al	
		US- 5,263,683	11-23-1993	Wong	
		US- 5,456,322	10-10-1995	Tucker et al	
		US- 5,518,073	05-21-1996	Manke et al	
		US- 5,558,162	09-24-1996	Manke et al	
		US- 5,775,421	07-07-1998	Duhan et al	
		US- 5,810,087	09-22-1998	Patel	
		US- 5,865,251	02-02-1999	Rebardi et al	
		US- 5,909,769	06-08-1999	Duhan et al	
		US- 5,950,733	09-14-1999	Patel	
		US- 6,125,930	10-03-2000	Moyes	
		US- 6,220,357 B1	04-24-2001	Carmichael et al	
		US- 6,220,360 B1	04-24-2001	Connell et al	
		US- 6,230,808 B1	05-15-2001	French et al	
		US- 6,349,772 B2	02-26-2002	Mullen et al	
		US- 6,352,119 B1	03-05-2002	Patel	
		US- 6,516,886 B2	02-11-2003	Patel	

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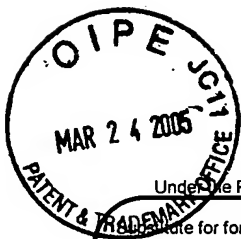
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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		WO 97/36089 AI	1-02-1997	Appleton		

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		WEATHERFORD, Completion Isolation Valve, www.weatherford.com, printed 11/26/2002, 3 pages, internet	
		WEATHERFORD, Technical Data Manual, printed 10/20/2001, 39 pages, internet	
		WEATHERFORD, CIV/RM , 2001, 2 pages	
		WEATHERFORD, CIV/RM, 07/03/2000, 10 pages	
		SCHLUMBERGER, FIV Technology, SMP5836, 02/2003, 8 pages	
		SCHLUMBERGER, Downhole Valve reduces formation damage in sand-control completions, www.slb.com, 11/25/2002, 2 pages	
		SCHLUMBERGER, Oilfield Bulletin: Focus on Completions, date unknown, 3 pages	
		BAKER HUGHES, Model "B" Multi-Reverse Circulating Valve, June 1997, 5 of 6 pages	
		OSCA, HPR-150 System, Technical Bulletin, 2000, 2 pages	
		BAKER HUGHES, Model CMP Non-elastomeric Circulating Sliding Sleeve, Flow Control, August 1997, 4 pages	

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